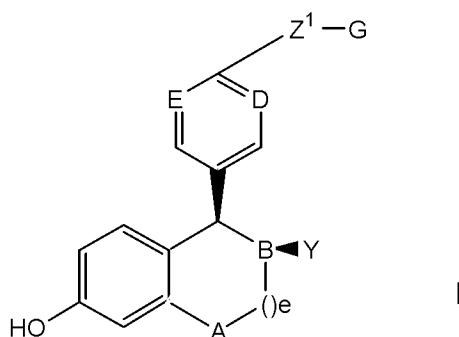


Amendments to the Claims

1.-14. (Canceled)

15. A process for preparing a compound of the formula:



wherein:

A is selected from CH<sub>2</sub> and NR;

B, D and E are independently selected from CH and N;

Y is

- (a) phenyl, optionally substituted with 1-3 substituents independently selected from R<sup>4</sup>;
- (b) naphthyl, optionally substituted with 1-3 substituents independently selected from R<sup>4</sup>;
- (c) C<sub>3</sub>-C<sub>8</sub> cycloalkyl, optionally substituted with 1-2 substituents independently selected from R<sup>4</sup>;
- (d) C<sub>3</sub>-C<sub>8</sub> cycloalkynyl, optionally substituted with 1-2 substituents independently selected from R<sup>4</sup>;
- (e) a five membered heterocycle containing up to two heteroatoms selected from the group consisting of -O-, -NR<sup>2</sup>- and -S(O)<sub>n</sub>-, optionally substituted with 1-3 substituents independently selected from R<sup>4</sup>;
- (f) a six membered heterocycle containing up to two heteroatoms selected from the group consisting of -O-, -NR<sup>2</sup>- and -S(O)<sub>n</sub>-, optionally substituted with 1-3 substituents independently selected from R<sup>4</sup>; or

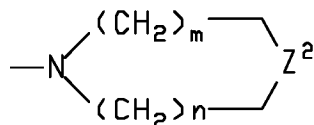
- (g) a bicyclic ring system consisting of a five or six membered heterocyclic ring fused to a phenyl ring, said heterocyclic ring containing up to two heteroatoms selected from the group consisting of -O-, -NR<sup>2</sup>-, NR<sup>2</sup>- and -S(O)<sub>n</sub>-, optionally substituted with 1-3 substituents independently selected from R<sup>4</sup>;

Z<sup>1</sup> is

- (a) -(CH<sub>2</sub>)<sub>p</sub> W(CH<sub>2</sub>)<sub>q</sub>-;  
(b) -O(CH<sub>2</sub>)<sub>p</sub> CR<sup>5</sup>R<sup>6</sup>-;  
(c) -O(CH<sub>2</sub>)<sub>p</sub> W(CH<sub>2</sub>)<sub>q</sub>-;  
(d) -OCHR<sup>2</sup>CHR<sup>3</sup>-; or  
(e) -SCHR<sup>2</sup>CHR<sup>3</sup>-;

G is

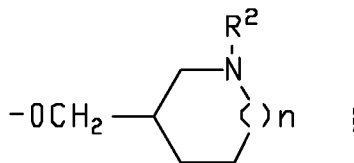
- (a) -NR<sup>7</sup>R<sup>8</sup>;  
(b)



wherein n is 0, 1 or 2; m is 1, 2 or 3; Z<sup>2</sup> is -NH-, -O-, -S-, or -CH<sub>2</sub>-; optionally fused on adjacent carbon atoms with one or two phenyl rings and, optionally independently substituted on carbon with one to three substituents and, optionally, independently on nitrogen with a chemically suitable substituent selected from R<sup>4</sup>; or

- (c) a bicyclic amine containing five to twelve carbon atoms, either bridged or fused and optionally substituted with 1-3 substituents independently selected from R<sup>4</sup>;

Z<sup>1</sup> and G in combination may be



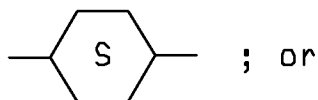
W is

- (a) -CH<sub>2</sub>-;  
(b) -CH=CH-;

- (c) -O-;
- (d) -NR<sup>2</sup>-;
- (e) -S(O)<sub>n</sub>-;
- (f)



- (g) -CR<sup>2</sup>(OH)-;
- (h) -CONR<sup>2</sup>-;
- (i) -NR<sup>2</sup>CO-;
- (j)



- (k) -C≡C-;

R is hydrogen or C<sub>1</sub>-C<sub>6</sub> alkyl;

R<sup>2</sup> and R<sup>3</sup> are independently

- (a) hydrogen; or
- (b) C<sub>1</sub>-C<sub>4</sub> alkyl;

R<sup>4</sup> is

- (a) hydrogen;
- (b) halogen;
- (c) C<sub>1</sub>-C<sub>6</sub> alkyl;
- (d) C<sub>1</sub>-C<sub>4</sub> alkoxy;
- (e) C<sub>1</sub>-C<sub>4</sub> acyloxy;
- (f) C<sub>1</sub>-C<sub>4</sub> alkylthio;
- (g) C<sub>1</sub>-C<sub>4</sub> alkylsulfinyl;
- (h) C<sub>1</sub>-C<sub>4</sub> alkylsulfonyl;
- (i) hydroxy (C<sub>1</sub>-C<sub>4</sub>)alkyl;
- (j) aryl (C<sub>1</sub>-C<sub>4</sub>)alkyl;
- (k) -CO<sub>2</sub>H;
- (l) -CN;
- (m) -CONHOR;
- (n) -SO<sub>2</sub>NHR;

- (o)  $\text{-NH}_2$ ;
- (p)  $\text{C}_1\text{-C}_4$  alkylamino;
- (q)  $\text{C}_1\text{-C}_4$  dialkylamino;
- (r)  $\text{-NHSO}_2\text{R}$ ;
- (s)  $\text{-NO}_2$ ;
- (t) -aryl; or
- (u)  $\text{-OH}$ .

$\text{R}^5$  and  $\text{R}^6$  are independently  $\text{C}_1\text{-C}_8$  alkyl or together form a  $\text{C}_3\text{-C}_{10}$  carbocyclic ring;

$\text{R}^7$  and  $\text{R}^8$  are independently

- (a) phenyl;
- (b) a  $\text{C}_3\text{-C}_{10}$  carbocyclic ring, saturated or unsaturated;
- (c) a  $\text{C}_3\text{-C}_{10}$  heterocyclic ring containing up to two heteroatoms, selected from  $\text{-O-}$ ,  $\text{-N-}$  and  $\text{-S-}$ ;
- (d)  $\text{H}$ ;
- (e)  $\text{C}_1\text{-C}_6$  alkyl; or
- (f) form a 3 to 8 membered nitrogen containing ring with  $\text{R}^5$  or  $\text{R}^6$ ;

$\text{R}^7$  and  $\text{R}^8$  in either linear or ring form may optionally be substituted with up to three substituents independently selected from  $\text{C}_1\text{-C}_6$  alkyl, halogen, alkoxy, hydroxy and carboxy;

a ring formed by  $\text{R}^7$  and  $\text{R}^8$  may be optionally fused to a phenyl ring;

e is 0, 1 or 2;

m is 1, 2 or 3;

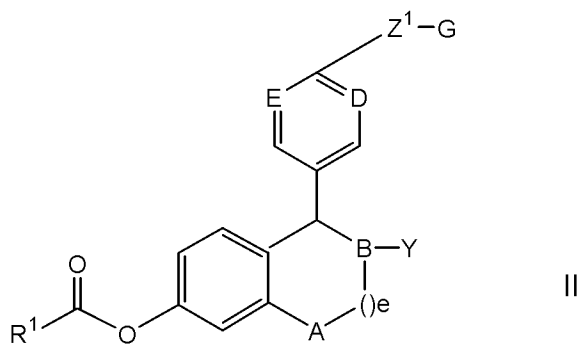
n is 0, 1 or 2;

p is 0, 1, 2 or 3;

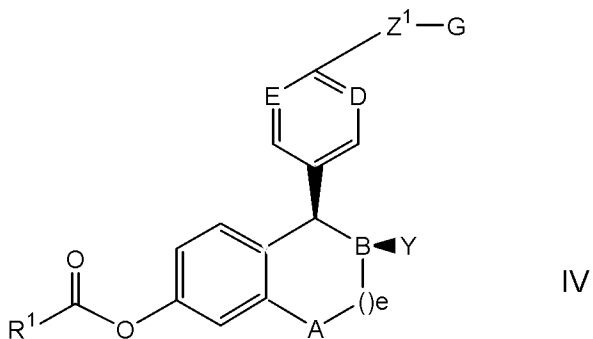
q is 0, 1, 2 or 3;

and optical and geometric isomers thereof;

comprising enzymatically resolving of a compound of the formula

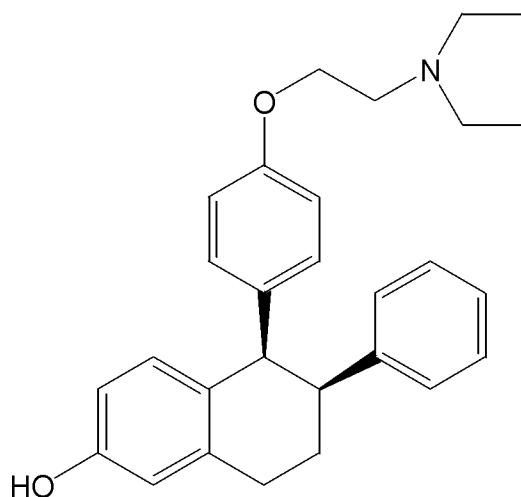


wherein R<sup>1</sup> is (C<sub>1</sub>-C<sub>6</sub>)alkyl, (C<sub>2</sub>-C<sub>6</sub>)alkenyl, (C<sub>2</sub>-C<sub>6</sub>)alkynyl wherein the alkyl, alkenyl or alkynyl groups are optionally substituted by one to three halo in the presence of a lipase and an aqueous buffer solution; and (b) reacting the compound of formula IV so formed



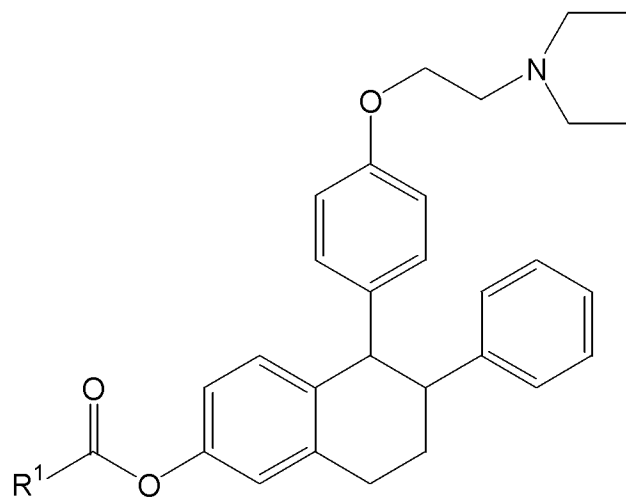
wherein R<sup>1</sup> is as defined above, with a base in the presence of a polar protic solvent.

16. A process according to claim 15, wherein the aqueous buffer solution is a phosphate, citric acid or boronic acid solution.
17. A process according to claim 15, wherein the lipase from *Mucor miehei*.
18. A process according to claim 15, wherein the base is sodium methoxy, sodium hydroxide, lithium hydroxide or potassium hydroxide.
19. A process according to claim 15, wherein the polar protic solvent is methanol, ethanol or water.
20. A process according to claim 15, wherein the lipase is immobilized on a solid support.
21. A process according to claim 15, wherein the lipase is a cross-linked enzyme.
22. A process according to claim 15, wherein the lipase is in pure crystalline form.
23. A process according to claim 15, for preparing a compound of the formula



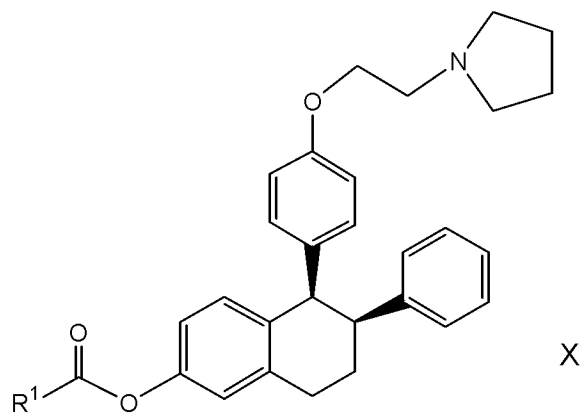
VII

comprising enzymatically resolving of a compound of the formula



VIII

wherein R<sup>1</sup> is (C<sub>1</sub>-C<sub>6</sub>)alkyl, (C<sub>2</sub>-C<sub>6</sub>)alkenyl, (C<sub>2</sub>-C<sub>6</sub>)alkynyl wherein the alkyl, alkenyl or alkynyl groups are optionally substituted by one to three halo in the presence of a lipase and an aqueous buffer solution; and (b) reacting the compound of Formula X so formed



wherein R<sup>1</sup> is as defined above, with a base in the presence of a polar protic solvent.

24.-40. (canceled)